



CFO
INSPECTION REPORT
INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

Inspector's Name:	
Other's Present	
Date:	
Time In:	
Time Out:	

General Information

Inspection Type

Inspection Type	
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Facility Information

Facility Name	
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Facility Location	Street Address: City/State: Zip Code: S County:
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Facility Mailing Information	Mailing Address: Mailing City/State: Mailing Zip Code:
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Facility Contact Information	Contact Person: Contact's Phone Number: Contact's Fax Number: Contact's E-mail Address:
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Owner's Contact Information	Owner's Name: Owner's Phone Number: Owner's Fax Number: Owner's E-mail Address:
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Facility ID

I-FRS ID Number	IFRS #
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Log Number	Log Number:
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Animal Types

Animals Present	
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Manure Management Systems

Type of Manure Management System	
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Approved Structures

Number of Permitted Structures	
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Number of Observed Structures	
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Outstanding Issues

Last Inspection Date:	
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Previous Violation(s)	<input type="checkbox"/> Yes <input type="checkbox"/> No
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Previous Violation(s):	
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Checklist

Discharge and Spill Requirements <input type="checkbox"/> Unpermitted Discharge <input type="checkbox"/> Spill Not Reported <input type="checkbox"/> Spills Not Managed	Approval and Performance Standards <input type="checkbox"/> No Valid Approval <input type="checkbox"/> Approval Condition <input type="checkbox"/> Access Denied
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Operational Standards	Land Application
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<input type="checkbox"/> Maintenance and Operation <input type="checkbox"/> Improper Freeboard <input type="checkbox"/> Markers Not Maintained <input type="checkbox"/> Unapproved Manure Storage <input type="checkbox"/> Self Monitoring <input type="checkbox"/> Earthen Berm Not Maintained <input type="checkbox"/> Vegetation Management System <input type="checkbox"/> Feedlot Run-Off <input type="checkbox"/> Transport and Handling <input type="checkbox"/> Dead Animal Compost	<input type="checkbox"/> Land Application Requirements Were Inspected. <input type="checkbox"/> Staging <input type="checkbox"/> Run-Off <input type="checkbox"/> Ponding <input type="checkbox"/> Spray Irrigation Operation <input type="checkbox"/> Spray Irrigation (<20" bedrock) <input type="checkbox"/> Spray Irrigation (flood plain) <input type="checkbox"/> Spray Irrigation (frozen ground) <input type="checkbox"/> Snow Covered/Frozen Ground <input type="checkbox"/> Manure Applied from Roadway <input type="checkbox"/> Manure Applied to Erodible Soils <input type="checkbox"/> Manure Applied to Saturated Soils <input type="checkbox"/> Manure Application Setbacks
Operating Record <input type="checkbox"/> Spill Plan <input type="checkbox"/> Approvals <input type="checkbox"/> MMP <input type="checkbox"/> Self Monitoring Records <input type="checkbox"/> Required Minimum Acreage <input type="checkbox"/> Spill Documentation <input type="checkbox"/> Setback Waivers	Land Application Records <input type="checkbox"/> Manure Testing <input type="checkbox"/> Soil Testing <input type="checkbox"/> Apply at Agronomic Rate <input type="checkbox"/> Land Application Records <input type="checkbox"/> Marketing and Distribution <input type="checkbox"/> Information Sheets

General Comments

Description of Violations and Further Actions

Discharge and Spill Requirements

Unpermitted Discharge

IC 13-18-4-5: A person may not: (1) throw, run, drain, or otherwise dispose into any of the streams or waters of Indiana; or (2) cause, permit, or suffer to be thrown, run, drained, allowed to seep, or otherwise disposed into any waters; any organic or inorganic matter that causes or contributes to a polluted condition of any waters.

IC 13-30-2-1: A person may not do any of the following: (1) Discharge, emit, cause, allow, or threaten to discharge, emit, cause, or allow any contaminant or waste, including any noxious odor, either alone or in combination with contaminants from other sources, into: (A) the environment in any form that causes or would cause pollution that violates or would violate rules, standards, or discharge or emission requirements adopted by the appropriate board under the environmental management laws. (2) Increase the quantity or strength of a discharge of contaminants into the waters of Indiana without prior approval of the department. (3) Deposit any contaminants upon the land in a place and manner that creates or would create a pollution hazard that violates or would violate a rule adopted by one (1) of the boards.... (7) Construct, install, operate, conduct, or modify, without prior approval of the department, any equipment or facility of any type that may: (A) cause or contribute to pollution; or (B) be designed to prevent pollution.

327 IAC 2-1-6: The following are minimum surface water quality conditions: (1) All surface waters at all times and at all places, shall meet the minimum conditions of being free from substances, attributable to agricultural discharges that do any of the following: (A) Will settle to form putrescent or otherwise objectionable deposits. (B) Are in amounts sufficient to be unsightly or deleterious (C) Produce color, odor, or other conditions in such degree as to create a nuisance. (D) Are in concentrations or combinations that will cause or contribute to the growth of aquatic plants or algae to such degree as to create a nuisance, be unsightly, or otherwise impair the designated uses.

327 IAC 16-3-1(a): A confined feeding operation shall be managed to avoid an unpermitted discharge into waters of the state.
327 IAC 16-3-1(e): Manure to be staged or applied to land in Indiana must be staged or applied in such a manner as: (1) not to enter or threaten to enter waters of the state; (2) to prevent: (A) run-off; (B) ponding for more than twenty-four (24) hours; and (C) spills; and (3) to minimize nutrient leaching beyond the root zone.

Required Action: All necessary actions must be taken to prevent any unpermitted discharge from a CFO, which is considered a violation anytime manure (represented by ammonia) is detected in water coming off a field where manure has been applied and it threatens to enter, or has already entered, waters of the state.

Information/Comments:

Spill Not Reported

327 IAC 2-6.1-5: The following spills from a facility must be reported: (1) Spills that damage the waters of the state so as to cause death or acute injury or illness to humans or animals. (2) Spills from a facility that has been notified in writing by a water utility that it is located in a delineated public water supply wellhead protection area as approved by the department under 327 IAC 8-4.1 that are: (A) spills of hazardous substances when the amount spilled exceeds the reportable quantity,... (C) spills of objectionable substances as defined in section 4(11) of this rule. (3) Spills that damage waters of the state and that: (A) are located within fifty (50) feet of a known private drinking water well located beyond the facility property boundary; or (B) are located within one hundred (100) yards of: (i) any high quality water designated as an outstanding state resource pursuant to 327 IAC 2-1-2(3), excluding Lake Michigan; (ii) any water designated as exceptional use pursuant to 327 IAC 2-13(a)(6) [sic., 327 IAC 2-1-3(a)(6)] and 327 IAC 2-1-11(b); (iii) any water designated as capable of supporting a salmonid fishery pursuant to 327 IAC 2-1-6(c)(1), except Lake Michigan; or (iv) any water that is a fish hatchery, fish and wildlife area, nature preserve, or recreational water owned by the department of natural resources or the federal government. WATER QUALITY STANDARDS Indiana Administrative Code Page 94 (4) For any spill which does not meet the criteria in subdivisions (1) through (3), the following must be reported: (A) Spills to surface waters: (i) spills of hazardous substances when the amount spilled exceeds the reportable quantity, whichever is less;... (iii) spills of objectionable substances as defined in section 4(11) of this rule. (B) Spills to soil beyond the facility boundary: (i) spills of hazardous substances the amount spilled exceeds the reportable quantity... (iii) spills of objectionable substances as defined in section 4(11) of this rule... (5) Any spill for which a spill response has not been done.

327 IAC 2-6.1-6: The following spills from a mode of transportation must be reported: (1) Spills that damage the waters of the state so as to cause death or acute injury or illness to humans or animals. (2) Spills that damage surface waters. (3) Spills to soil: (A) spills of hazardous substances when the amount spilled exceeds the reportable quantity, ... (C) spills of objectionable substances as defined in section 4(11) of this rule. (4) Any spill for which a spill response has not been done.

Required Action: Any reportable spill must be reported.

Information/Comments:

Spills Not Managed

327 IAC 16-4-2(2): The owner/operator shall take all reasonable steps to prevent, minimize, or correct any adverse impact on the environment resulting from noncompliance with the approval.

327 IAC 2-6.1-7: Any person who operates, controls, or maintains any mode of transportation or facility from which a spill occurs shall, upon discovery of a reportable spill to the soil or surface waters of the state, do the following: (1) Contain the spill, if possible, to prevent additional spilled material from entering the waters of the state. (2) Undertake or cause others to undertake activities needed to accomplish a spill response. (3) As soon as possible, but within two (2) hours of discovery, communicate a spill report to the Department of Environmental Management, Office of Environmental Response: Area Code 1-888-233-7745 for in-state calls (toll free), (317) 233-7745 for out-of-state calls. If new or updated spill report information becomes known that indicates a significant increase in the likelihood of damage to the waters of the state, the responsible party shall notify the department as soon as possible but within two (2) hours of the time the new or updated information becomes known. (4) Submit to the Indiana Department of Environmental Management, Office of Land Quality, Emergency Response Section (MC 66-30), 2525 N. Shadeland Ave., Suite 100, Indianapolis, IN 46219-1787, a written copy of the spill report if requested in writing by the department. (5) Except from modes of transportation other than pipelines, exercise due diligence and document attempts to notify the following: (A) For spills to surface water that cause damage, the nearest affected downstream water user located within ten (10) miles of the spill and in the state of Indiana; and (B) For spills to soil outside the facility boundary, the affected property owner or owners, operator or operators, or occupant or occupants.

327 IAC 16-3-1(c): A confined feeding operation shall immediately take all reasonable steps to prevent spills or the discharge of manure in violation of the approval or this article, including seepage and leakage.

Required Action: Once the owner/operator of a CFO becomes aware of the spill, immediate steps must be taken to contain it. The owner/operator must immediately start or cause to be started an appropriate spill response. Any reportable spill must be reported to the spill line within 2 hours of discovery of the spill.

Required Action: The owner/operator must submit a written spill report after receiving a written request to do so. Except for modes of transportation, the owner/operator must provided any documentation any attempts to notify the nearest affected downstream water user located within ten miles of the spill and in the state of Indiana (for spills to surface water) and the affected property owners, operators, or occupants for spills to soil outside the facility boundary.

Information/Comments:

Operational Standards

Maintenance and Operation

327 IAC 16-3-1(d): All waste management systems must be designed, constructed, and maintained to minimize leaks and seepage and prevent spills.

327 IAC 16-9-1(a): All waste management systems and application equipment must be maintained and operated to meet the approval conditions.

327 IAC 16-9-1(b): Management of liquid and solid manure must be in compliance with the following: (1) This article. (2) The confined feeding operation approval. (3) All applicable state and federal laws.

Required Action: The waste management system must be repaired in such a way to prevent leaks, seepage, or spills.

Required Action: The waste management systems and application equipment must be maintained and operated properly.

Information/Comments:

Improper Freeboard

327 IAC 16-9-1(d): If uncovered, liquid manure storage structures must be maintained with a minimum freeboard of two (2) feet or as specified in the approval conditions.

Required Action: Adequate manure must be removed and properly land applied to maintain the required freeboard.

Information/Comments:

Markers Not Maintained

327 IAC 16-19-1(f): Uncovered liquid manure storage structures must have clearly identified markers to indicate manure levels relative to the approved freeboard elevation.

Required Action: A freeboard marker must be installed which clearly identifies the approved freeboard level.

Required Action: The current freeboard marker is not adequate and must be corrected to clearly identify the approved freeboard level.

Information/Comments:

Unapproved Manure Storage

327 IAC 16-8-8: (b) Run-on and precipitation must be diverted away from the solid manure storage structures, unless the design includes a method to collect and manage the contaminated run-off.

327 IAC 16-9-1(c): Manure must be in an approved manure storage structure until removed for land application in accordance with 327 IAC 16-10.

Required Action: Cease the use of the unapproved manure management structure and remove manure and land applied according to land application requirements 327 IAC 16. Manure must be stored in an approved location.

Information/Comments:

Self Monitoring

327 IAC 16-9-1(e): The owner/operator shall inspect all waste management systems for compliance with this article and the approval conditions and, if applicable, freeboard as specified in subsection (d) or the approval, at least one (1) time each month. Completed self monitoring records must be kept in the operating record described in section 5 of this rule.

Required Action: Monthly self monitoring inspections of all manure management structures must be conducted, documented, and placed in the farm record.

Information/Comments:

Earthen Berm Not Maintained

327 IAC 16-9-1(g): All earthen berms for manure storage structures must: (1) be stabilized with vegetation or alternative erosion control measures; and (2) be maintained to allow for visual inspection.

Required Action: Earthen berms are not being properly maintained as evidenced by inadequate vegetation [OR] inadequate erosion control [OR] visible erosion is present [OR] woody vegetation subject to wind throw is growing on the berm [OR] small animal burrows are present [OR] vegetation not mowed to allow proper visual inspection [OR] significant erosion on the inside of the berm due to wave action. Deficiencies in the berm must be corrected.

Information/Comments:

Vegetation Management System

327 IAC 16-8-10: (a) A settling basin, low velocity channel, or equivalent structure must be provided between the vegetative management system and the source of contaminated run-off or waste liquid. A constructed settling basin or low velocity channel designed for the one (1) year, one (1) hour precipitation event must have sufficient capacity to store the contaminated run-off or waste liquid and the expected sediment. (b) Vegetative management systems must have minimum dimensions based on the peak outflow from the confined feeding area or settling basin based on a twenty-five (25) year, twenty-four (24) hour precipitation event.

327 IAC 16-9-1(h): An owner/operator that plans to use a vegetative management system must operate and maintain the vegetative management system to provide effective treatment.

Required Action: The owner/operator of the approved CFO must modify the vegetative management system to sufficiently manage the appropriate precipitation event.

Required Action: The vegetated management system must be operated and maintained to provide effective treatment.

Information/Comments:

Feedlot Run-Off

327 IAC 16-9-1(i): Migration of solids from contaminated run-off from any feedlot must be minimized.

Required Action: Controls must be put in place to minimize the migration of solids from the feedlot.

Information/Comments:

Transport and Handling

327 IAC 16-9-2: Pumping, dumping, or allowing the leakage or drainage of manure from a manure transfer vehicle onto unauthorized premises, public thoroughfares, or into waters of the state is prohibited.

Required Action: All spilled or leaked manure must be collected and disposed of properly.

Information/Comments:

Dead Animal Compost

327 IAC 16-9-3: (a) Dead animal compost operations must have run-on and run-off control. (b) Dead animal compost may be applied to the land if in accordance with the manure application requirements in this article.

Required Action: The owner/operator of a CFO must control run-on and run-off from the dead animal compost area and apply compost in accordance with manure application requirements.

Information/Comments:

Operating Record

Spill Plan

327 IAC 16-9-4: (a) The owner/operator of a confined feeding operation shall: (1) develop an emergency spill response plan as described in subsection (c); (2) keep it in the operating record; (3) implement the emergency spill response plan at any time a spill occurs; and (4) familiarize all employees involved with manure handling with the emergency spill response plan. (b) The emergency spill response plan must be located at the confined feeding operation in a place accessible to all employees. (c) The emergency spill response plan must include the following: (1) The names and telephone numbers of persons who are identified by the owner/operator as responsible for implementing the emergency spill response plan. (2) Areas where potential spills can occur and their accompanying drainage points. (3) Procedures to be followed in the event of a spill, including the following: (A) Actions to contain or manage any spill of manure. (B) Identification of the proper authorities to be contacted. (C) Mitigation of any adverse effects of the spill. (4) Identification of equipment and clean-up materials to be used in the event of a spill. (5) Procedures for reporting the spill to: (A) the confined feeding operation owner/operator; (B) any applicable local emergency or health authorities; and (C) the department in accordance with 327 IAC 2-6.1.

327 IAC 16-9-5(a)(3): The current emergency spill response plan must be added to the operating record in accordance with required time frames established in this article and IC 13-18-10, and must be maintained and updated in the operating record.

Required Action: The spill plan must be present in the operating record and must be modified to contain all of its key elements. The owner/operator must document all employees have been training in the plan.

Required Action: The operating record must contain an updated copy of the spill plan

Information/Comments:

Approvals

327 IAC 16-9-5(a)(1): All valid approvals, amendments, and notifications relevant to the approvals must be added to the operating record in accordance with required time frames established in this article and IC 13-18-10, and must be maintained and updated in the operating record.

Required Action: Include all valid approvals, modifications, and notifications relevant to the approvals in the operating record.
Information/Comments:

MMP

327 IAC 16-7-11(e): The frequency of soil and manure testing must: (1) be specified in the manure management plan; and (2) be conducted a minimum of once every three (3) years unless a different frequency is justified in the manure management plan.

327 IAC 16-7-11(g): A manure management plan must be submitted to the department at least one (1) time every five (5) years and with any approval application and renewal application to maintain a valid approval for the confined feeding operation. A copy of the current manure management plan must be reasonably accessible to a representative of the department during an inspection.

327 IAC 16-9-5(a)(2): The current manure management plan must be added to the operating record in accordance with required time frames established in this article and IC 13-18-10, and must be maintained and updated in the operating record.

Required Action: The frequency of soil and manure testing must be specified in the MMP, or the stated frequency must be at least once every 3 years.

Required Action: The facility must have a current, valid MMP, or the MMP must be reasonably accessible at the time of the inspection.

Required Action: The operating record must contain a current copy of the MMP.

Information/Comments:

Self Monitoring Records

327 IAC 16-9-5(b)(1): The operating record must also contain all applicable records documenting 327 IAC 16-9-1(e) of this rule, regarding completed self-monitoring records for three (3) years.

Required Action: Include all self-monitoring records in the operating record for the past three (3) years. NOTE: A calendar with appropriate notations, kept in the office where other pieces of the operating record are kept, will be considered sufficient.

Information/Comments:

Required Minimum Acreage

327 IAC 16-9-5(b)(2): The operating record must contain all applicable records documenting 327 IAC 16-10-1 regarding minimum acreage records.

327 IAC 16-10-1: A minimum number of acres for manure application must be maintained and documented in the operating record at all times.

Required Action: The owner/operator must include the availability of the minimum number of acreage necessary for agronomic application of manure in the operating record.

Information/Comments:

Spill Documentation

327 IAC 16-9-5(b)(5): (b) The operating record must also contain all applicable records from the: (5) Documentation of any spill response implemented in accordance with section 4(a)(3) of this rule by confined feeding.

Required Action: The owner/operator must include information regarding how the emergency spill plan required by 16-9-4 was implemented during any spill which occurred within the last 5 years in the operating record.

Information/Comments:

Setback Waivers

327 IAC 16-10-1(e): Copies of any written waivers related to reduction of the property line setback distances must be kept in the operating record.

Required Action: For any manure applied within the regulatory setback, the owner/operator must include a signed waiver in the operating record from adjoining property owners.

Information/Comments:

Approval and Performance Standards

No Valid Approval

IC 13-18-10: A person may not start construction of a confined feeding operation without obtaining the prior approval of the department.

327 IAC 16-4-1: Confined feeding operations must have a valid approval to operate or close in accordance with 327 IAC 16-11.

327 IAC 16-6-1(c): An approval amendment is required for an increase in the amount of manure generated that: (1) reduces the storage capacity to less than the required storage capacity at the time of the most recent approval; or (2) results from an increase in the number of animals, excluding swine that weigh twenty-five (25) kilograms or less, by: (A) more than the numbers in 327 IAC 16-2-5; or (B) greater than ten percent (10%) of the approved animal capacity at the time of the most recent approval.

Required Action: The owner/operator must depopulate all unapproved CFO structures and remove and land apply any manure from these structures.

Required Action: The owner/operator must remove all animals that make up more than 110% of the approved available storage or capacity.

Information/Comments:

Approval Condition

327 IAC 16-4-2(1): The owner/operator must comply with all terms and conditions of the approval and this article. The owner/operator can not exceed total animal capacity in the approval.

327 IAC 16-4-2(1): The owner/operator must comply with all terms and conditions of the approval and this article. The owner/operator can not exceed total number of buildings in the approval.

327 IAC 16-4-2(1): The owner/operator must comply with all terms and conditions of the approval and this article. The owner/operator can not exceed total number of manure management structures in the approval.

327 IAC 16-4-2(1): The owner/operator must comply with all terms and conditions of the approval and this article.

Required Action: All specific requirements listed in the most recent approval issued to the operation must be followed.

Required Action: All specific requirements listed in the most recent approval issued to the operation must be followed. Within 30 days of the inspection reduce the number of animals to the capacity listed in the approval construction requirements for total animal capacity.

Required Action: All specific requirements listed in the most recent approval issued to the operation must be followed. Within 30 days of the inspection depopulate unapproved buildings and submitted a request to amend your approval.

Required Action: All specific requirements listed in the most recent approval issued to the operation must be followed. Within 30 days of inspection cease the use of any unapproved manure management structures and submit a request to amend your approval.

Information/Comments:

Access Denied

327 IAC 16-4-2(5): The owner/operator shall allow the commissioner, or an authorized representative (including an authorized contractor acting as a representative of the commissioner), upon the presentation of credentials and in compliance with bio-security procedures developed by the department in consultation with the Indiana state board of animal health or individual owner/operators as defined in 327 IAC 16-2-29: (A) to enter upon the confined feeding operation premises or where any records must be kept under the terms and conditions of the approval or this article; (B) to have access for review to any records that must be kept under the terms and conditions of the approval; (C) to inspect, at reasonable times: (i) any monitoring equipment or method; (ii) any waste management systems; or (iii) practices required or otherwise regulated under the approval; and (D) to sample or monitor, at reasonable times, for the purpose of evaluating compliance with the approval or state and federal laws and regulations.

Required Action: The inspector must be allowed to enter a facility to review records or monitor regulated activities.

Information/Comments:

Land Application

Staging

327 IAC 16-3-1(e): Manure to be staged or applied to land in Indiana must be staged or applied in such a manner as: (1) not to enter or threaten to enter waters of the state; (2) to prevent: (A) run-off; (B) ponding for more than twenty-four (24) hours; and (C) spills; and (3) to minimize nutrient leaching beyond the root zone.

327 IAC 16-10-3(a): Manure that is staged at the manure application site for more than seventy-two (72) hours must be: (1) covered or otherwise protected; and (2) applied to the site within ninety (90) days.

327 IAC 16-10-3(b): Staging of solid manure at the manure application site is prohibited: (1) within three hundred (300) feet of surface waters of the state, drainage inlets, including water and sediment control basins, or water wells unless there is: (A) a barrier; or (B) a surface gradient that contains or directs any contaminated run-off away from the waters of the state, drainage inlets, including water and sediment control basins, or water wells; (2) on any area with a slope greater than six percent (6%), unless run-on and run-off is controlled; or (3) on any standing water or waterway.

Required Action: The owner/operator must stage manure in such a manner as: (1) Not to enter the waters of the state (2) to prevent: (A) Run-off (B) Application on saturated ground; and (C) Spills; and (3) To minimize nutrient leading beyond the root zone.

Information/Comments:

Run-Off

327 IAC 16-3-1(e)(2)(A): Manure to be staged or applied to land in Indiana must be staged or applied in such a manner as to prevent run-off.

Required Action: The owner/operator must stage and apply manure in such a manner so as not to create a potential threat of run-off.

Information/Comments:

Ponding

327 IAC 16-3-1(e)(2)(B): Manure to be staged or applied to land in Indiana must be staged or applied in such a manner as to prevent ponding for more than twenty-four (24) hours.

Required Action: The owner/operator must not stage or apply manure in such a manner as to create a potential threat for ponding.

Information/Comments:

Spray Irrigation Operation

327 IAC 16-10-3(c): To prevent leaks or excessive application of liquid manure spray irrigation must be conducted: (1) under the constant supervision of a person designated by the owner/operator or as specified in the approval; (2) with devices to detect pressure loss due to leaks and devices to shut down the system if leaks are detected; or (3) in accordance with a spray irrigation plan approved by the department.

Required Action: The owner/operator must cease application of manure by spray irrigation until manure application can be conducted under the constant supervision of a person designated by the owner/operator or as specified in their approval. The owner/operator may use devices to detect pressure loss due to leaks and devices to shut down the system if leaks are detected; or in accordance with a spray irrigation plan approved by this department.

Information/Comments:

Spray Irrigation (<20" bedrock)

327 IAC 16-10-3(d): Spray irrigation of manure must not be applied to any land that has less than twenty (20) inches of soil above the bedrock unless in accordance with an approved spray irrigation plan.

Required Action: The owner/operator must cease spray irrigation of manure on land that has less than 20 inches of soil until a spray irrigation plan has been approved by the Department.

Information/Comments:

Spray Irrigation (flood plain)

327 IAC 16-10-3(e): Spray irrigation in a flood plain must be conducted in accordance with a spray irrigation plan that: (1) addresses spray irrigation in a flood plain; and (2) has been approved by the commissioner.

Required Action: The owner/operator must cease spray irrigation in the flood plan until a spray irrigation plan in a flood plain is approved by the Commissioner.

Information/Comments:

Spray Irrigation (frozen ground)

327 IAC 16-10-3(f)(3): Spray irrigation of liquid manure to snow covered or frozen ground is prohibited.

Required Action: The owner/operator must cease spray irrigation of liquid manure to snow covered or frozen ground.

Information/Comments:

Snow Covered/Frozen Ground

327 IAC 16-10-3(f)(1): Surface application of manure to slopes in excess of two percent (2%) without adequate residue protection or crop cover is prohibited on snow covered or frozen ground.

327 IAC 16-10-3(f)(2): Surface application to snow covered or frozen ground of manure from a new or amended operation approved after the effective date of this rule is prohibited, except as allowed in conditions established in a valid approval obtained under 327 IAC 16-7.

Require Action: The owner/operator must cease surface application of manure to snow covered or frozen ground to land with slopes in excess of two percent (2) without adequate residual protection or crop cover.

Required Action: The owner/operator must cease surface application of manure to snow covered or frozen ground.

Information/Comments:

Manure Applied from Roadway

327 IAC 16-10-3(g): Manure must not be applied to the land from manure application equipment operating on a public road.

Required Action: The owner/operator must cease all application of manure to the land from application equipment operations on public road.

Information/Comments:

Manure Applied to Erodible Soils

327 IAC 16-10-3(h): Liquid or solid manure must not be applied to highly erodible land unless: (1) the land has residue protection or crop cover; or (2) in accordance with a conservation plan.

Required Action: The owner/operator must cease application of liquid or solid manure to highly erodible land.

Information/Comments:

Manure Applied to Saturated Soils

327 IAC 16-10-3(i): Manure shall not be applied on saturated ground.

Required Action All application of manure to saturated ground must cease immediately.

Information/Comments:

Manure Application Setbacks

327 IAC 16-10-4: (a) Except under subsections (e) and (f), application of manure must be in accordance with the following setbacks: 500 feet from public water supply wells and public water supply surface intake structures; 25 feet from surface waters of the state for liquid injection or single pass incorporation; 50 feet from surface waters of the state for liquid incorporation, application to pasture or solid or composted manure application; 100 feet from surface waters of the state for liquid surface application to land less than 6% slope or with residue cover; 200 feet from surface waters of the state for liquid surface application to land with greater than 6% slope; 25 feet from sinkholes (measured from the surficial opening or the lowest point) for liquid injection or single pass incorporation; 50 feet from sinkholes (measured from the surficial opening or the lowest point) for liquid incorporation, application to pasture or solid or composted manure application; 100 feet from sinkholes (measured from the surficial opening or the lowest point) for liquid surface application to land less than 6% slope or with residue cover; 200 feet from sinkholes (measured from the surficial opening or the lowest point); 50 feet from wells when using liquid injection or single pass incorporation for liquid surface application to land with greater than 6% slope; 50 feet from wells for liquid incorporation, application to pasture or solid or composted manure application; 100 feet from wells for liquid surface application to land less than 6% slope or with residue cover; 200 feet from wells for liquid surface application to land with greater than 6% slope; 5 feet from drainage inlets for liquid injection or single pass incorporation; 50 feet from drainage inlets for liquid incorporation, application to pasture or solid or composted manure application; 100 feet from drainage inlets for liquid surface application to land less than 6% slope or with residue cover; 200 feet from drainage inlets for liquid surface application to land with greater than 6% slope; 0 feet from property lines and public roads for liquid injection or single pass incorporation; 10 feet from property lines and public roads for liquid incorporation, application to pasture or solid or composted manure application; 50 feet from property lines and public roads for liquid surface application to land less than 6% slope or with residue cover; 50 feet from property lines and public roads for liquid surface application to land with greater than 6% slope; (b) Liquid incorporation of manure means only manure that has been incorporated into the soil within twenty-four (24) hours of placement on the land. (c) All setback distances must be measured from the edge of the area of actual placement of manure on the land. (d) The property line setback distances specified in subsection (a) may be waived in writing by the owner of the adjoining property. (e) If a properly designed and maintained filter strip is located between the application site and: (1) waters of the state; (2) any known well; (3) the surficial opening or lowest point of any sinkhole; or (4) any drainage inlet, including water and sediment control basins; then the setback is the width of the filter strip. (f) The setback is ten (10) feet if a gradient

barrier is located between the application site and: (1) surface waters of the state; (2) any known well; (3) the surficial opening or lowest point of any sinkhole; or (4) any drainage inlet, including water and sediment control basins. (g) The owner/operator may obtain a reduced setback under 327 IAC 16-5, by demonstrating to the commissioner that a different compliance approach meets the performance standards in 327 IAC 16-3-1.

Required Action: All manure application must cease until all setback distances as specified in 327 IAC 16-10-4 have been met.

Information/Comments:

Land Application Records

Manure Testing

327 IAC 16-6-1(d): The owner/operator of an existing confined feeding operation shall have a soil test and a manure test conducted in accordance with a manure management plan prior to April 1, 2002.

327 IAC 16-7-11(d): A manure test must be obtained that provides sufficient information about the manure content to allow for nutrient recommendations for existing or planned crops and to minimize nutrient leaching.

327 IAC 16-7-11(e): The frequency of soil and manure testing must: (1) be specified in the manure management plan; and (2) be conducted a minimum of once every three (3) years unless a different frequency is justified in the manure management plan.

327 IAC 16-7-11(f): One (1) manure test must be conducted for each type of manure generated.

327 IAC 16-10-2(a): The owner/operator of a new confined feeding operation shall have a soil test and a manure test conducted in accordance with the manure management plan that is submitted to the commissioner to meet the requirement in 327 IAC 16-7-2(b)(6).

Required Action: The owner/operator must conduct soil and manure test in accordance with the manure management plan.

Required Action: The owner/operator must conduct a soil and manure test that provides sufficient information about the manure content determine nutrient recommendations.

Required Action: The owner/operator must have the frequency of soil and manure testing in the manure management plan.

Required Action: The owner/operator must conduct a manure test.

Required Action: The owner/operator must conduct a soil and manure test.

Information/Comments:

Soil Testing

327 IAC 16-6-1(d): The owner/operator of an existing confined feeding operation shall have a soil test and a manure test conducted in accordance with a manure management plan prior to April 1, 2002.

327 IAC 16-10-2(a): The owner/operator of a new confined feeding operation shall have a soil test and a manure test conducted in accordance with the manure management plan that is submitted to the commissioner to meet the requirement in 327 IAC 16-7-2(b)(6).

327 IAC 16-7-11(c): A soil test must be obtained that provides sufficient information about soil fertility to allow for nutrient recommendations for existing or planned crops and to minimize nutrient leaching.

327 IAC 16-7-11(e): The frequency of soil and manure testing must: (1) be specified in the manure management plan; and (2) be conducted a minimum of once every three (3) years unless a different frequency is justified in the manure management plan.

Required Action: The owner/operator shall conduct a soil and manure test in accordance with the manure management plan.

Required Action: The owner/operator shall conduct a soil and manure test in accordance with the manure management plan.

Required Action: Provide IDEM with copies of results of each soil test for every land application location.

Required Action: Provide IDEM with copies of results of each field where manure is land applied.

Information/Comments:

Apply at Agronomic Rate

327 IAC 16-10-2(b): The agronomic rate for potentially available nitrogen must not exceed the nitrogen requirements of current or planned crops of the upcoming growing season as documented in the operating record.

Required Action: The owner/operator must provide adequate documentation to demonstrate that the agronomic rate of nitrogen was not exceeded.

Information/Comments:

Land Application Records

327 IAC 16-9-5(b)(3): Information regarding land application records for five (5) years must be added to the operating record in accordance with required time frames established in this article and IC 13-18-10, and must be maintained and updated in

the operating record.

327 IAC 16-10-2(c): The following information must be added to the operating record as needed in accordance with required time frames established in this article and IC 13-18-10, and must be maintained and updated in the operating record: (1) The type of manure applied. (2) Results of manure tests. (3) Soil tests for all manure application sites. (4) The amount of manure applied. (5) The type of application method used. (6) Identification of locations and number of acres on which manure is applied. (7) The dates on which the manure is applied. (8) Determination of the agronomic rates for potentially available nitrogen used to apply manure to each field.

Required Action: The owner/operator must provide the Department with the required land application record for the last five (5) years.

Required Action: The owner/operator must provide the Department with the deficient information required to be added to the operating record.

Information/Comments:

Marketing and Distribution

327 IAC 16-9-5(b)(4): Information regarding marketing and distribution records for three (3) years must be added to the operating record in accordance with required time frames established in this article and IC 13-18-10, and must be maintained and updated in the operating record.

327 IAC 16-10-5(c): The operating record must contain and be maintained and updated with records of any person who receives or purchases more than ten (10) cubic yards or two thousand (2,000) gallons of manure in a year to include: (1) the name and address of the person receiving or purchasing the manure; (2) the amount of manure received or purchased by the person; and (3) a copy of the information sheet.

327 IAC 16-10-5(d): All records in this section must be made available to a representative of the department during an inspection.

Required Action: The owner/operator must include all required marketing and distribution records for the past three (3) years in their operating record.

Required Action: The owner/operator must include the required manure purchasing information in the farm's operating record.

Required Action: The owner/operator must make all marketing and distribution records to the department representative during the inspection.

Information/Comments:

Information Sheets

327 IAC 16-10-5(a): The owner/operator of the confined feeding operation shall provide an information sheet to any person that receives or purchases more than ten (10) cubic yards or two thousand (2,000) gallons of manure in a year from the confined feeding operation unless the owner/operator takes responsibility for applying the manure.

327 IAC 16-10-5(b): The information sheet must contain, at a minimum, the following information: (1) The name and address of the confined feeding operation providing the manure. (2) A statement indicating that it is unlawful to allow the manure to enter any waters of the state. (3) Information on the nutrient content of the manure. (4) The manure application requirements of this rule.

Required Action: The owner/operator must provide the required information sheet to any person they sell or provide manure to.

Required Action: The owner/operator must provide information required under 327 IAC 16-10-5(b) on information sheets when selling manure to other facilities.

Information/Comments:

Inspection Documentation	
Photograph's Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No
Maps	<input type="checkbox"/> Yes <input type="checkbox"/> No
Contact by IDEM's OPPTA Requested	<input type="checkbox"/> Yes Comment(s) <input type="checkbox"/> No
P2 Comments	
Pollution Prevention Opportunities	<input type="checkbox"/> Yes <input type="checkbox"/> No
GPS Location Collected	<input type="checkbox"/> Yes <input type="checkbox"/> No
Field Screening Conducted	<input type="checkbox"/> Yes <input type="checkbox"/> No

Lab Sample		<input type="checkbox"/> Yes <input type="checkbox"/> No
Inspection Results/Actions		
Deficiency/Violations		
Certificate of Compliance		
Additional Comments/Other		
Finalize Inspection		
Written Summary of Inspection		
Inspector Information	Printed/Typed Name	
	Phone Number:	
	Email Address:	
	Signature:	
Facility Representative Signature:	Printed/Typed Name:	
	Signature:	